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*Elizabeth Miller*  
Elizabeth Miller

*Sept 23, 2002*  
Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Christopher A. Schantz et al. Group Art Unit: 1634  
Serial No.: 09/558,532 Examiner: B.J. Forman  
Filed: April 26, 2000  
Title: ARRAY FABRICATION WITH DROP DETECTION

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

RESPONSE AND AMENDMENT

Please cancel claims 1-3, 8, 12, 18-20, 22-27, 33-37, and 39-42 in the present application, amend claim 30, and rewrite other of the dependent claims, all as indicated in the attached APPENDIX. A clean copy of the pending claims which includes all of the amendments presently being made, is reproduced below:

4. (AMENDED) A method A method of fabricating at least one addressable array of biopolymers with multiple features on a substrate using a drop deposition apparatus having a drop dispenser unit and a sensing element, comprising:
- (a) for each of multiple addresses, dispensing droplets carrying the biopolymers or biopolymer precursors from a drop dispenser unit onto the sensing element, and onto the substrate so as to fabricate the array;
- (b) detecting electrical signals resulting from dispensed droplets striking the sensing element;